



Economic and Social Council

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7 and 8 May 1998

Agenda item 7

Elections, nominations, confirmations and appointments

Elections to the Committee on Natural Resources

Note by the Secretary-General

Addendum

1. The Secretary-General has received the following nominations for election to the Committee on Natural Resources.

Jesús **Martínez Frías** (Spain)

Manuel Carlos **Serrano Pinto** (Portugal)

Carlos G. **Tomboc** (Philippines)

2. Pursuant to Economic and Social Council decision 1996/222, Governments have nominated the following experts to the Committee on Natural Resources:

Owen MacDonald **Kankhulungo** (Malawi)

Hendrik Martinus **Oudshoorn** (Netherlands)

Eddy Kofi **Smith** (Ghana)

3. The terms of office would begin on the date of election. Biographical information is set out in the annex below.



Annex

Biographical information on nominees to the Committee on Natural Resources

Jesús Martínez Frías (Spain)

Academic background

Ph.D., Geology, Universidad Complutense, Madrid

Current position

Scientific Researcher, Geology department of the Spanish Institute of Advanced Scientific Research

Other qualifications

Member of various Spanish and international scientific societies and associations

Referee of the *Agencia Nacional de Evaluación y Prospectiva*, Spain

Manager of RENAMET, a scientific discussion list of natural resources

Manager of MERGE, a scientific discussion list of meteorites and geological resources of outer space

Member of the *Comité Científico Aseso, Consejo Superior de Investigaciones Científicas*, Spain, in the area of natural resources

Publications

"The Hiendelaencina mining district" (1992)

"New data on the Miocene, fumarolic hot spring system of Herrerías" (1993)

"The Fe-Mn-Ag deposit of Las Herrerías" (1993)

"Mine waste pollutes Mediterranean" (1997)

"Modelling of the geothermal processes" (1992)

"*Sulfuros y sulfosales de metales nobles*" (1995)

"*Geología y metalogenia en ambientes oceánicos: depósitos hidrotermales submarinos*" (1995)

In collaboration with others

"The Teganana alkaline intrusions (Tenerife, Canary Islands): first data on their ore minerals" (1993)

"Mercury pollution in the marine environment: a natural venting system in the SW Mediterranean margin" (1998)

International research experience

Earth Science Department, University of Leeds: electron microprobe analyses and computerized image analysis, 1985

Mineralogisch – Petrographisches Institut, University of Heidelberg: electron microprobe analyses, 1989

Earth Science Centre, Department of Geology, University of Toronto: neutron activation and electron microprobe analyses, 1993 and 1996

International scientific meetings

Geological Society of America Congress, San Diego, California, 1991

Bicentenario real seminario de minería de México, 1992

Quinto Simposio de Estudios Antárticos, Barcelona, 1993

Reunión científica del Grupo de Trabajo sobre Geología y Metalogenia de Depósitos Hidrotermales Submarinos, Madrid, 1993

Simposio sobre recursos naturales y medio ambiente en el SE Peninsular, Almería, Spain, 1994

Colloque international minéralogie fondamentale et appliquée a la memoire de Claude Guillemin (1923-1994), Paris, 1995

International Convention of Prospectors and Developers, Toronto, 1996

Sulfuros polimetálicos de la Faja Pirítica Ibérica, Huelva, Spain, 1996

Manuel Carlos Serrano Pinto (Portugal)

Academic degrees

Agregação, University of Aveiro (Portugal)

Ph.D., University of Leeds (United Kingdom)

M.Sc., (Geochemistry), University of Leeds (United Kingdom)

Licenciatura (Geological sciences), University of Coimbra (Portugal)

Academic positions held at the University of Aveiro

Present

Full Professor

Member of the Scientific Council

M.Sc. course in Geochemistry

Chairman, History and Philosophy of Science and Technology Group

Past

Associate Professor, Auxiliary Professor, *Assistente*

Member of the Senate and of the Assembly

President of the Scientific Council

Head of the Department of Geosciences

Head of the Central Analytical Laboratory

Head of the Isotope Geology Laboratory

Other academic positions

Present

Visiting Professor, University of São Paulo

Past

Assistente, University of Lourenço Marques, Mozambique

Other

Member of the Public Relations and Finance Committee, International Union of Geological Sciences global geochemical baselines project, 1996/1997

Member, International Geosphere-Biosphere Programme global change and terrestrial ecosystems project

Member of the scientific committees of the Second International Symposium on Environmental Geochemistry in Tropical Countries, 1997, and of the Second Iberian Congress of Geochemistry 1999

Member of the organizing committees of international congresses on geochemistry of the Portuguese-speaking countries, 1991 through 1999

Geologist, Portuguese Overseas Geological Surveys (Mozambique and Angola), 1963/1974

Research interests and activities*Mineral resources*

Survey of resources: Mozambique

Prospecting: Mozambique, Angola, Portugal

Metallogenesis: Portugal, Mozambique

Environmental impact of mineral industry activities: Portugal

Applied geochemistry

Multipurpose geochemical mapping: Portugal, Brazil, Mozambique

Environmental impact of landfills: Portugal, Brazil

Geology/geochronology

Geological mapping: Portugal, Mozambique

Geochronology of Portuguese rocks

Geological correlation: Brazil/Africa (Mozambique)

History of geology and mining

Scientific interchange Portugal/Brazil in the sixteenth, seventeenth and eighteenth centuries

Teaching: supervision of postgraduates

Supervision of several Ph.D. and M.Sc. students

Teaching duties in several science (geology) and engineering (environment) courses

Memberships

Member of 19 scientific societies (geology, geochemistry, geostatistics, mineralogy, environment, history of science)

Member of two professional societies

Papers etc.

Author/co-author of 99 published papers/oral presentations/posters

Author/co-author of two chapters in a scientific book published in Spain

Fourteen public talks in Portugal, Spain, the Netherlands, Mozambique and Angola

Eighteen unpublished technical reports (Mozambique)

Scientific work on general geology translated in collaboration (published in Portugal)

Scientific work on applied geochemistry, translated and awaiting publication

Carlos G. Tomboc (Philippines)

Education

University of the Philippines, B.S. in Forestry, 1966-1970

University of the Philippines, M.P.A., 1972-1973

University of the Philippines, M.S. in Forestry, 1974-1976 (Dean's List)

University of the Philippines, Ph.D. in Forestry (Forestry resources management) 1980-1987 (Chancellor's List)

Service record

Acting General Manager, Laguna Lake Development Authority, Department of Environmental and Natural Resources, March 1998 to present; administers the development, regulatory and research programmes of the Authority on a basin-wide approach, including multisectoral and multi-agency strategies (the basin covers nine cities and 60 municipalities)

Director, Environmental Management Bureau, Department of Environment and Natural Resources, January 1995 to March 1996; supervised and administered the policy, research, development and regulatory activities of the Department on air, water and land pollution, toxic and hazardous industrial substances, environmental activities of the 14 regional offices of the Department through the Office of the Secretary

Consultant, FAO Forestry Project III; a World Bank and Swiss Government-assisted project of the Government of Bhutan, 1 September to 27 December 1994

Regional Executive Director, National Capital Region (Metropolitan Manila), Department of Environment and Natural Resources, 1 March to 31 August 1994; administered all activities of the Department of Metro-Manila, which covers land management, urban forestry, pollution mitigation and environmental management, protected areas, mines and geosciences, and research

Director, National Research Programs and Special Assistant to the Undersecretary for Environment and Research, 15 January 1993 to 28 February 1994; coordinated the research and development programme of the Department, including forestry concerns, mines, geosciences, environment, protected areas, wildlife and land management and also assisted the Undersecretary for Environment and Research in technical and administrative activities

Director, Ecosystems Research and Development Bureau, 7 May 1989 to 25 January 1993; supervised and administered the research and development and support activities of the Bureau with the following ecosystems concerns: (a) forest; (b) upland farms; (c) grasslands and degraded areas; (d) coastal zone and freshwater. The Bureau also coordinated the research and development programmes of the 14 research services in the regional offices of the Department of Environment and Natural Resources

Eighteen years of experience in field operations under the Department of Environment and Natural Resources as an administrator, research manager and implementor

Published 22 technical and semi-technical articles on forestry production and management and environmental protection and mitigation; also wrote some articles on watershed management and water production

International and national technical activities

Chairman, UNDP-FAO Regional Advisory Committee on Tree Breeding and Micropropagation, Asia and Pacific Region, December 1991 to January 1993

Philippine Coordinator, Southern Methodist University project on agroforestry, 1991-1996

Philippine focal person, Asia and Pacific Agroforestry Network, Japan and FAO-assisted project, 1990-1993

National focal officer, Philippine Tree Breeding and Propagation Project, 1991-1993

Philippine adviser, Regional Research Institute for Asia and the Pacific Basin, Nihon University, Japan, 1991-1994

Philippine representative, IUFRO International Council, 1990-1994

Chairman, Working Committee, Metropolitan Environmental Industrial Project, 1995

Presiding Officer, Pollution Adjudication Board, 1993

Co-Chairman, Subcommittee on Atmosphere, 1995

Important international training/meetings/conferences/seminars/workshops attended

Seminar on research policy for community forestry, Ford Foundation, Bangkok, 8-11 January 1990

UNDP-FAO symposium on improved productivity of man-made forest through application of technological advances on tree breeding and micro-propagation, Chairman of symposium, Bangkok, 10-14 July 1990.

Fourth International Bamboo Congress, Chairman of technical session, Chiang Mai, Thailand, 25 November to 8 December 1991

Senior officials meeting on environment, resource person, ESCAP, Bangkok, July 1992

Country adviser's meeting, Philippine adviser, Nihon University, Tokyo, October 1992

UNEP consultative workshop on marine pollution from land-based activities, sole Philippine participant, Reykjavik, March 1995

Senior officials and ministerial meeting on transboundary pollution, head of delegation, Kuala Lumpur, 14-18 June 1995

APEC symposium on environmental technology cooperation, speaker and panellist, Nagoya, Japan, 26-27 October 1995

Preparatory and seventh meeting of the Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer, Chairman of the Group of 77 and China during the preparatory meeting and Co-Chairman of the "Friends of the Chairman", Vienna, 28 November-7 December 1995

UNDP senior officials training on leadership in developing countries, participant, John F. Kennedy School of Government and Harvard Institute for International Development, Harvard University, June 1997

Study mission on watershed and water resources management, California, Washington and Louisiana, 14-30 June 1997

Expert group meeting on strategic approaches to freshwater management, participant, Harare, 27-30 January 1998

Owen MacDonald Kankhulungo (Malawi)

Position

Controller of Water Services, Ministry of Water Development

Work experience

January 1993 to September 1996: Deputy Controller of Water Services (Water Supply), responsible for planning, development operation and maintenance of rural and urban water supply schemes and sewerage systems under the responsibility of the Ministry of Works in Water Department headquarters, Lilongwe; part of the executive of the Ministry contributing directly to its policies

1988-1990: Acting regional Controller of Works, responsible for overall management of Ministry of Works activities

1983-1986: Regional Water Engineer, responsible for all planning, design and construction of in-house water projects in northern region of Malawi

1984: Design and supervision of Chilumba Semi-Urban Centre and Army garrison water distribution system

1984-1985: Ekwendeni Water Project, in-house design and supervision

1984: Lilongwe Water Supply Augmentation Project, Resident Engineer Representative

1980-1983: Assistant quantity surveyor

Education

M.Sc., Water and Waste Engineering, Loughborough University of Technology, United Kingdom

Bachelor of Science, Engineering, specializing in civil engineering, Malawi Polytechnic, 1983

Diploma in Engineering, specializing in civil engineering, Malawi Polytechnic, 1977

Other experience

Water Utilities Board member, representing the Secretary for Water Development, advising on technical and financial matters

Water Utilities Board member, representing the Malawi Board of Engineers

Water Resources Board member, representing the Water Supply Branch of the Water Department on the Water Resources Board and other joint committees charged with the responsibility of controlling the abstraction of water and discharge of effluent into watercourses

Council member for eastern and southern African region, International Water Services Association

Publications

"A case study on river intake design: Ekwendeni", Loughborough University, United Kingdom, 1986

Hendrik Martinus Oudshoorn (Netherlands)

Present position

Retired from active service: freelance adviser on water resources and water management issues

Last positions

Chief Engineer, Director of Rijkswaterstaat, and Professor of Infrastructure Planning, Faculty of Civil Engineering, Delft University of Technology

Work experience

- 1955-1957 Hydrographic Office, Royal Netherlands Navy, tidal expert
- 1957 *Rijkswaterstaat*, Ministry of Transport and Public Works, Hydraulic Division, Research Engineer
- 1958 Resident Engineer, Northumberland Strait Causeway study, Canada
- 1958-1968 *Rijkswaterstaat*, Hydraulic Division, Head of tidal rivers and harbours section
- 1969-1971 *Rijkswaterstaat*, Adjunct to the Director of the Delta Service
- 1970-1971 *Rijkswaterstaat*, Deputy Director, Directorate for Water Management and Hydraulic Research
- 1970-1985 *Rijkswaterstaat*, Director, Directorate for Water Management and Hydraulic Research
- 1985-1987 *Rijkswaterstaat*, Director of Navigable Rivers and Harbours Department, Director General's Office
- 1987-1991 *Rijkswaterstaat*, Adviser for water policy issues, Director General's Office
- 1989-1991 Delft University of Technology, Faculty of Civil Engineering, Professor of Infrastructure Planning
- 1991 Retired from active service; freelance adviser

Other experience

- 1975-1984 Member, Council for Oceanographic Research
- 1991-1994 Member, Advisory Council to the Ministers of Education and Sciences and the Minister of Transport, Public Works and Water Management on Sea Research
- 1994-present Member, programme advisory committee for technical and medical sciences for scientific cooperation between the Netherlands and Indonesia

Intergovernmental consultations

United Nations Water Conference, Mar Del Plata, 1977, deputy delegation leader, Netherlands delegation

United Nations Conference on international river commissions, Dakar, 1981, Observer for the International Rhine Commission

UNDP symposium, "A strategy for water sector capacity-building", Delft, 1991, keynote speaker and workshop Chairman

International Conference on Water and the Environment, Dublin, 1992, leader of the Netherlands delegation

UNDP international workshop on flood mitigation, emergency preparedness, and flood disaster management in Viet Nam, Hanoi, 1992

ECA/WHO conference on the theme "Water resources: policy and assessment", Addis Ababa, 1995, observer, Committee on Natural Resources, member/expert 1992-1998

Habitat II, dialogue III, "Water for thirsty cities", Chairman, technical session, 1996

ESCAP, Seminar on the establishment of guidelines on water and sustainable development, 1996, Rapporteur.

Eddy Kofi Smith (Ghana)

Educational background

University of Science and Technology, Kumasi, Ghana, 1971-1974, BA (Social Sciences)
Economics and geography

Work experience

Ministry of Lands and Forestry, Accra

1993 to date: Technical Director, Timber and Forestry

June 1996: Project Director, Forest Sector Development Project

1993 to present: Project Director, Forest Resource Management Project

1993: National Project Director, Forestry Planning Project

Ministry of Lands and Natural Resources, Accra

1992: Special Assistant, Timber Schedule

Divestiture Implementation Committee secretariat, Accra

1990-1992: Director, Operations

State Committee for Economic Cooperation, Accra

1989: Director, Operations, and Head of Technical Directorate

Officer of Ghana Timber Marketing Board, Timber Export Development Board, Takoradi,
Ghana

1975-1988: Marketing manager

National Service

1975: Teacher, economics and geography, Dunkwa-on-Offin, Ghana

Commissions/committees/board of directors, etc.

Member, Forestry Commission, Ghana, 1994 to date

Member, Management Board, Forest Research Institute of Ghana, 1994 to date

Director, SCANSTYLE MIM Limited (furniture manufacturing and export company, 1994
to date)

Member, Panel of experts on formulating an approach and methodology for estimating
resources and costs incurred to achieve ITTO's Year 2000 objective, International Tropical
Timber Organization, Yokohama, Japan, September 1995

Member, National Agricultural Research Policy Coordinating Committee, Council for
Scientific and Industrial Research, 1996

Published papers

Evolution of the Ghana timber industry, paper presented at a conference on the promotion
of investments in the forest industry of Africa, Paris, November 1993

Forestry as a land-use issue in Ghana, paper presented at an international seminar on forest
land use conflicts and solutions, Kumasi, Ghana, January 1994